

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S208	20	"optical conjugate plane"	US-PGPUB; USPAT	OR	ON	2009/07/28 17:32
S209	1	("6921620").PN.	US-PGPUB; USPAT	OR	OFF	2009/07/28 17:42
S210	1	("7345312").PN.	US-PGPUB; USPAT	OR	OFF	2009/07/28 17:43
S211	30	("3676671"   "3914786"   "4106078"   "4225213"   "4544259"   "4883333"   "5036834"   "5143435"   "5237403"   "5281797"   "5491765"   "5742115"   "5746494"   "5751869"   "5823943"   "5888194"   "5971576"   "6331156"   "6371909"   "6485414"   "6491618"   "6498948"   "6513962"   "6516216"   "6518600"   "6528954"   "6584335"   "6692431"   "6696703"   "6793374").PN. OR ("7345312").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 17:44
S212	0	S208 and S211	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 17:44
S213	110	(illuminat\$7 near8 optic \$6) same ("resist film")	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 17:45
S214	59	(illuminat\$7 near8 optic \$6) same (("resist film") and imag\$7)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 17:45
S215	266580	(expos\$7 same pattern \$5)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 17:46

S216	152137	(expos\$7 near8 pattern \$5)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 17:46
S217	48	S214 and S216	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 17:46
S218	1551	382/144,145.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 17:46
S219	1	S217 and S218	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 17:46
S220	101592	"430"/.clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 17:46
S221	20	S217 and S220	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 17:46
S222	2	S208 and S216	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 17:47
S223	464	(semiconductor) same (correct and (abnormal or dust or scracth))	US-PGPUB; USPAT	OR	ON	2009/07/28 18:45
S224	6	(inspect\$6 near8 semiconductor) same (correct and (abnormal or dust or scracth))	US-PGPUB; USPAT	OR	ON	2009/07/28 18:46
S225	249	(inspect\$6 same (expos \$7 adj tool))	US-PGPUB; USPAT	OR	ON	2009/07/29 17:55
S226	44	(inspect\$6 near4 (expos \$7 adj tool))	US-PGPUB; USPAT	OR	ON	2009/07/29 17:55
S227	23	(inspect\$6 near4 (expos \$7 adj tool)) same semiconductor	US-PGPUB; USPAT	OR	ON	2009/07/29 17:56
S228	20	"optical conjugate plane"	US-PGPUB; USPAT	OR	ON	2009/07/29 17:56
S229	1	S228 and S227	US-PGPUB; USPAT	OR	ON	2009/07/29 17:56
S230	1	S228 and S225	US-PGPUB; USPAT	OR	ON	2009/07/29 17:56
S231	1	S228 and S226	US-PGPUB; USPAT	OR	ON	2009/07/29 17:56
S232	115	(inspect\$6 same (expos \$7 adj tool)) same semiconductor	US-PGPUB; USPAT	OR	ON	2009/07/29 17:57

S233	1	S228 and S232	US-PGPUB; USPAT	OR	ON	2009/07/29 17:57
S234	77	S232 and (pattern same image)	US-PGPUB; USPAT	OR	ON	2009/07/29 17:57
S235	4	S228 and (pattern same image)	US-PGPUB; USPAT	OR	ON	2009/07/29 17:57
S236	84	("exposure target substrate")	US-PGPUB; USPAT	OR	ON	2009/07/29 18:03
S237	1	S225 and S236	US-PGPUB; USPAT	OR	ON	2009/07/29 18:03
S238	6	("exposure target substrate") near8 semiconductor	US-PGPUB; USPAT	OR	ON	2009/07/29 18:04
S239	1	("exposure target substrate") same2 ("optical conjugate plane")	US-PGPUB; USPAT	OR	ON	2009/07/29 18:06
S240	1	("resist film") same2 ("optical conjugate plane")	US-PGPUB; USPAT	OR	ON	2009/07/29 18:06
S241	5	("resist film" or "medium") same2 ("optical conjugate plane")	US-PGPUB; USPAT	OR	ON	2009/07/29 18:07
S242	5	("resist film" or "medium" or "coating" or dust\$5) same2 ("optical conjugate plane")	US-PGPUB; USPAT	OR	ON	2009/07/29 18:07
S243	4	"image" and ("resist film" or "medium") same2 ("optical conjugate plane")	US-PGPUB; USPAT	OR	ON	2009/07/29 18:09
S244	2	"image" and ("photomask" or mask) same2 ("optical conjugate plane")	US-PGPUB; USPAT	OR	ON	2009/07/29 18:09
S245	1	"image" and (inspect \$5) same2 ("optical conjugate plane")	US-PGPUB; USPAT	OR	ON	2009/07/29 18:10
S246	1	"image" and (inspect\$5 or look\$5 or visit\$5 or examin\$7) same2 ("optical conjugate plane")	US-PGPUB; USPAT	OR	ON	2009/07/29 18:10

S247	1	"image" and (inspect\$5 or look\$5 or visit\$5 or examin\$7) same2 ("optical conjugate plane").clm.	US-PGPUB; USPAT	OR	ON	2009/07/29 18:10
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### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	259	382/147.ccls.	USPAT; UPAD	OR	ON	2009/07/30 16:24
L2	305	382/147.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/30 16:24
S248	0	"image" and (inspect\$5 or look\$5 or visit\$5 or examin\$7) same2 ("optical conjugate plane").clm.	USPAT; UPAD	OR	ON	2009/07/29 18:11
S249	13	(inspect\$6 same (expos\$7 adj tool)).clm.	USPAT; UPAD	OR	ON	2009/07/29 18:11
S250	2	(inspect\$6 near4 (expos\$7 adj tool)) same semiconductor.clm.	USPAT; UPAD	OR	ON	2009/07/29 18:11
S251	0	S249 and ("optical conjugate plane")	USPAT; UPAD	OR	ON	2009/07/29 18:13
S252	2	("optical conjugate plane").clm.	USPAT; UPAD	OR	ON	2009/07/29 18:13
S253	26	(inspect\$5 or find\$4 or review\$6 or audit\$5 or examin\$6) same2 ("exposure tool").clm.	USPAT; UPAD	OR	ON	2009/07/29 18:15
S254	20	image and (inspect\$5 or find\$4 or review\$6 or audit\$5 or examin\$6) same2 ("exposure tool").clm.	USPAT; UPAD	OR	ON	2009/07/29 18:16
S255	842	image and (inspect\$5 or find\$4 or review\$6 or audit\$5 or examin\$6) same ("semiconductor").clm.	USPAT; UPAD	OR	ON	2009/07/29 18:21
S256	0	image and (inspect\$5 or find\$4 or review\$6 or audit\$5 or examin\$6) same ("semiconductor" and "optical conjugate plane").clm.	USPAT; UPAD	OR	ON	2009/07/29 18:21

S257	0	image and (inspect\$5 or find\$4 or review\$6 or audit\$5 or examin\$6) same ("semiconductor" and ("optical conjugate plane")).clm.	USPAT; UPAD	OR	ON	2009/07/29 18:22
S258	1	image and ("semiconductor" and ("optical conjugate plane")).clm.	USPAT; UPAD	OR	ON	2009/07/29 18:22
S259	463	382/144.ccls.	USPAT; UPAD	OR	ON	2009/07/29 18:23
S260	710	382/144.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/29 18:23
S261	1	"image" and (inspect\$5 or look\$5 or visit\$5 or examin\$7) same2 ("optical conjugate plane").clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/29 18:23
S262	35	(inspect\$6 same (expos\$7 adj tool)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/29 18:23
S263	5	(inspect\$6 near4 (expos\$7 adj tool)) same semiconductor.clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/29 18:24
S264	4	("optical conjugate plane").clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/29 18:24
S265	61	(inspect\$5 or find\$4 or review\$6 or audit\$5 or examin\$6) same2 ("exposure tool").clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/29 18:25
S266	2059	716/19.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/29 18:27
S267	1038	382/145.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/29 18:27
S268	371	382/152.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/29 18:28
S269	0	"or the like"	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/29 18:31
S270	2080	("optical conjugate plane") or ("optical plane") or ("conjugate plane")	USPAT; UPAD	OR	ON	2009/07/30 14:20

S271	1212	("optical conjugate plane") or ("optical plane") or ("conjugate plane").clm.	USPAT; UPAD	OR	ON	2009/07/30 14:20
S272	27	S271 and photomask	USPAT; UPAD	OR	ON	2009/07/30 14:20
S273	5	S271 and photomask.clm.	USPAT; UPAD	OR	ON	2009/07/30 14:21
S274	2084	355/67.ccls.	USPAT; UPAD	OR	ON	2009/07/30 14:27
S275	3339	355/67.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/30 14:28
S276	1255	355/67.ccls.	US-PGPUB	OR	ON	2009/07/30 14:28
S277	2080	S275 and ("optical conjugate plane") or ("optical plane") or ("conjugate plane")	USPAT; UPAD	OR	ON	2009/07/30 14:29
S278	1212	S277 and ("optical conjugate plane") or ("optical plane") or ("conjugate plane").clm.	USPAT; UPAD	OR	ON	2009/07/30 14:30
S279	208	S277 and (("optical conjugate plane") or ("optical plane") or ("conjugate plane") and ("photomask"))).clm.	USPAT; UPAD	OR	ON	2009/07/30 14:30
S280	204	S277 and (("optical conjugate plane") or ("optical plane") or ("conjugate plane") and ("photomask" and ("resist" or coat\$5))) .clm.	USPAT; UPAD	OR	ON	2009/07/30 14:31
S281	204	S277 and (("optical conjugate plane") or ("optical plane") or ("conjugate plane") and ("photomask" and (resist adj film))) .clm.	USPAT; UPAD	OR	ON	2009/07/30 14:31
S282	202	S277 and ((inspect\$5 or examin\$6) same ("optical conjugate plane") or ("optical plane") or ("conjugate plane") and ("photomask" and (resist adj film))) .clm.	USPAT; UPAD	OR	ON	2009/07/30 14:31

S283	202	S277 and ((inspect\$5) same ("optical conjugate plane") or ("optical plane") or ("conjugate plane") and ("photomask" and (resist adj film))).clm.	USPAT; UPAD	OR	ON	2009/07/30 14:32
S284	202	S277 and ((inspect\$5) same ("optical conjugate plane") or ("optical plane") or ("conjugate plane") and ("photomask" near8 (resist adj film))).clm.	USPAT; UPAD	OR	ON	2009/07/30 14:32
S285	0	S277 and ((inspect\$5) same ("optical conjugate plane") or ("conjugate plane") and ("photomask" near8 (resist adj film))).clm.	USPAT; UPAD	OR	ON	2009/07/30 14:37
S286	0	S277 and ((inspect\$5) same ("optical conjugate plane") and ("photomask" near8 (resist adj film))).clm.	USPAT; UPAD	OR	ON	2009/07/30 14:38

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